

A circular black and white stamp. The outer ring contains the text "OIPE" at the top and "PATENT &amp; TRADEMARK OFFICE" at the bottom. In the center, the date "MAR 26 2003" is stamped.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Hiroki TAKEUCHI et al.

Application No.: 10/024,581

Filed: December 21, 2001

For: WIRING BOARD

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Confirmation No.: 2484

Group Art Unit: 1775

Examiner: C. Lam

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2484 4-8-03  
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# AMENDMENT TRANSMITTAL FORM

1. Transmitted herewith is an Amendment responding to the Office Action dated September 30, 2002.
2. Additional papers enclosed:

- ☐ Drawings: ☐ Formal ☐ Informal (Correction)
- ☐ Information Disclosure Statement
- ☐ Form PTO-1449, \_\_\_\_\_ references included
- ☐ Citations
- ☐ Declaration of Biological Deposit
- ☐ Submission of "Sequence Listing", computer readable copy and/or amendment pertaining thereto for biotechnology invention containing nucleotide and/or amino acid sequence.
- ☐ Request for Approval of Drawing Changes

03/31/2003 FFANAEIA 00000062 500310 10024581  
01 FC:1253 930.00 CH

3. Extension of Time

The proceedings herein are for a patent application and the provisions of 37 C.F.R. § 1.136(a) apply.

- ☐ Applicant believes that no extension of time is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition and fee for extension of time.
- ☒ Applicants petition for an extension of time, the fees for which are set out in 37 C.F.R. § 1.17(a), for the total number of months checked below:

<u>Total Months Requested</u>	<u>Fee for Extension</u>	<u>[Fee for Small Entity]</u>
<input type="checkbox"/> one month	\$ 110.00	\$ 55.00
<input type="checkbox"/> two months	\$ 410.00	\$ 200.00
<input checked="" type="checkbox"/> three months	\$ <b>930.00</b>	\$ 460.00
<input type="checkbox"/> four months	\$ 1,440.00	\$ 720.00

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Extension of time fee due with this request: \$930.00 at large entity rates.

If an additional extension of time is required, please consider this a Petition therefor.

- ☐ An extension for \_\_\_\_\_ months has already been secured and the fee paid therefor of \$\_\_\_\_\_ is deducted from the total fee due for the total months of extension now requested.

4. Constructive Petition

- ☒ EXCEPT for issue fees payable under 37 C.F.R. § 1.18, the Commissioner is hereby authorized by this paper to charge any additional fees during the entire pendency of this application including fees due under 37 C.F.R. §§ 1.16 and 1.17 which may be required, including any required extension of time fees, or credit any overpayment to Deposit Account 50-0310. This paragraph is intended to be a CONSTRUCTIVE PETITION FOR EXTENSION OF TIME in accordance with 37 C.F.R. § 1.136(a)(3).

5. Fee Calculation (37 C.F.R. §1.16)

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		Highest No. Previously Paid	Present Extra	at Rate of	Total Fees
Total Claims (37 C.F.R. §1.16(c))	7	minus	20		x \$18 each=	+ \$
Independent Claims (37 C.F.R. §1.16(b))	2	minus	3		x \$84 each=	+ \$
[ ] First presentation of Multiple dependent claim(s)					\$280.00	+ \$
SUB-TOTAL =						\$
Reduction by ½ for filing by a small entity						- \$
TOTAL FEE =						\$ 0

6. Fee Payment

- ☐ No fee is to be paid at this time.
- ☒ The Commissioner is hereby authorized to charge **\$930.00** for a **three-month extension of time fee** to Deposit Account No. 50-0310.
- ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, including fees due under 37 C.F.R. §§ 1.16 and 1.17, or credit any overpayment to Deposit Account 50-0310.

Respectfully submitted,

**MORGAN, LEWIS & BOCKIUS LLP**

Dated: March 26, 2003

By: 

Peter J. Sistare

Registration No. 48,183

**CUSTOMER NO. 009629****MORGAN, LEWIS & BOCKIUS LLP**

1111 Pennsylvania Avenue, N.W.

Washington, D.C. 20004

202-739-3000



PATENT  
ATTORNEY DOCKET NO.: 046103-5008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Hiroki TAKEUCHI et al.

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) Examiner: C. Lam  
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KCO  
4-8-03

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AMENDMENT UNDER 37 C.F.R. § 1.111

In response to the Office Action dated September 30, 2002 (Paper No. 6), the period for response to which extends through March 30, 2003, by the petition for a three-month extension of time herein, please amend the above-identified application as follows:

IN THE CLAIMS

Please amend claims 1 and 6 as follows:

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Out
1. (Amended) A wiring board comprising:
- an electronic component;
- an embedding resin having a dielectric constant of less than or equal to about 5 and  $\tan\delta$  of less than or equal to about 0.08; and
- AA a substrate in which a build-up layer formed by laminating an insulating layer and a wiring layer in alternate fashion is formed on said embedding resin,
- wherein, said electronic component is embedded in said embedding resin.